Amendments to the claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1-22 (cancelled).

23 (currently amended): A method of testing blood for reaction to a substance comprising the steps of:

- selecting a cryopreserved unit dose comprising a blood product including viable cells and a cryopreservative from among a plurality of identical cryopreserved unit doses obtained from a single or pooled sample of blood taken from a human or animal;
- thawing the cryopreserved unit dose;
- contacting the thawed, cryopreserved unit dose with the substance; and
- determining, by biological, physical, chemical, or physicochemical means, whether the viable cells in the unit dose ~~reacts~~ react with the substance in an immunofunctional, toxic, or modulatory blood reaction.

24 (previously presented): The method of claim 23 wherein the blood product is leukocytes.

25 (previously presented): The method of claim 23 wherein the blood product is whole blood.

26 (previously presented): The method of claim 23 wherein the blood product further comprises clotting inhibitors.

27 (previously presented): The method of claim 24 wherein the blood product further comprises clotting inhibitors.

28 (previously presented): The method of claim 25 wherein the blood product further comprises clotting inhibitors.

29 (previously presented): The method of claim 23 wherein the blood product further comprises diluents.

30 (previously presented): The method of claim 24 wherein the blood product further comprises diluents.

31 (previously presented): The method of claim 25 wherein the blood product further comprises diluents.

32 (previously presented): The method of claim 26 wherein the blood product further comprises diluents.

33 (previously presented): The method of claim 27 wherein the blood product further comprises diluents.

34 (previously presented): The method of claim 28 wherein the blood product further comprises diluents.

35 (currently amended): A method of testing blood for reaction to a substance comprising the steps of:

- selecting a cryopreserved unit dose comprising a blood product including viable leukocytes and a cryopreservative from among a plurality of identical cryopreserved unit doses obtained from a single or pooled sample of blood taken from a human or animal;
- thawing the cryopreserved unit dose;
- contacting the thawed, cryopreserved unit dose with the substance; and
- determining, by biological, physical, chemical, or physicochemical means, whether the viable leukocytes in the unit dose react with the substance in an immunofunctional, toxic, or modulatory blood reaction.

36 (previously presented): The method of claim 35 wherein the blood product is leukocytes

37 (previously presented): The method of claim 35 wherein the blood product is whole blood.

38 (previously presented): The method of claim 35 wherein the blood product further comprises clotting inhibitors.

39 (previously presented): The method of claim 36 wherein the blood product further comprises clotting inhibitors.

40 (previously presented): The method of claim 37 wherein the blood product further comprises clotting inhibitors.